



Log No. **199**  
**TAG Revision 7/9/21**

STATE OF WASHINGTON  
**STATE BUILDING CODE COUNCIL**  
Washington State Energy Code Development  
**Standard Energy Code Proposal Form**

Code being amended: ☒ Commercial Provisions ☐ Residential Provisions

Code Section # C405.2.6

**Brief Description:**

*Description: Adds SI units. Removes nonvisual applications.*

Proposed code change text: (Copy the existing text from the Integrated Draft, linked above, and then use underline for new text and ~~strikeout~~ for text to be deleted.)

4. Lighting for ~~nonvisual applications, such as plant growth~~ life support of non-human life forms and food warming, shall be controlled by a dedicated control that is independent of the controls for other lighting within the room or space. Each control zone shall be no greater than the area served by a single luminaire or 4,000 ~~ft<sup>2</sup> square feet~~ (371.7m<sup>2</sup>), whichever is larger.
5. Task lighting for medical and dental purposes that is in addition to general lighting shall be provided with a manual control.
6. Luminaires serving the exit access and providing means of egress illumination required by Section 1006.1 of the International Building Code, including luminaires that function as both normal and emergency means of egress illumination shall be controlled by a combination of listed emergency relay and occupancy sensors, or signal from another building control system, that automatically shuts off the lighting when the areas served by that illumination are unoccupied.
- Exception:** Means of egress illumination serving the exit access that does not exceed 0.020.01 watts per square foot (0.00180.108 W/m<sup>2</sup>) of building area is exempt from this requirement.

**Purpose of code change:**

- Strike nonvisual or use different term. There are nonvisual photoreceptors in the eye. Suggest just stating plant growth and food warming.
- Other changes are to abbreviate square feet and include the SI units.

Your amendment must meet one of the following criteria. Select at least one:

- |   |   |
|---|---|
| <input type="checkbox"/> Addresses a critical life/safety need.   | <input type="checkbox"/> Consistency with state or federal regulations. |
| <input checked="" type="checkbox"/> The amendment clarifies the intent or application of the code.                          | <input type="checkbox"/> Addresses a unique character of the state.     |
| <input type="checkbox"/> Addresses a specific state policy or statute.<br>(Note that energy conservation is a state policy) | <input type="checkbox"/> Corrects errors and omissions.                 |

Check the building types that would be impacted by your code change:

☐ Single family/duplex/townhome

☒ Multi-family 4 + stories

☒ Institutional

☒ Multi-family 1 – 3 stories

☒ Commercial / Retail

☒ Industrial

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## **Economic Impact Data Sheet**

[Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants and businesses.](#)

No economic effect. This proposal adds SI units and removes the term “non-visual applications.” There are non-visual photoreceptors in the eye (e.g., Intrinsically photosensitive retinal ganglion cells (ipRGCs)) and lighting for light and health could be exempt under this existing text.

[Provide your best estimate of the construction cost \(or cost savings\) of your code change proposal?](#) (See OFM Life Cycle Cost [Analysis tool](#) and [Instructions](#); use these [Inputs](#). **Webinars on the tool can be found [Here](#) and [Here](#)**)

[Click here to enter text./square foot](#) (For residential projects, also provide [Click here to enter text./ dwelling unit](#))

[Show calculations here, and list sources for costs/savings, or attach backup data pages](#)

No costs

[Provide your best estimate of the annual energy savings \(or additional energy use\) for your code change proposal?](#)

N/A kWh/ square foot (or) [Click here to enter text.KBTU/ square foot](#)

(For residential projects, also provide [Click here to enter text.KWH/KBTU / dwelling unit](#))

[Show calculations here, and list sources for energy savings estimates, or attach backup data pages](#)

This is a clarification issue

[List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:](#)

No change in enforcement, just a clarification.